REMARKS

The Examiner allowed claims 54-60 and indicated that claims 7, 8, 41, 43-47, 49 and 51-53 would be allowable if rewritten in independent form to include of the limitations of the base claim and any intervening claims. Applicant notes that claim 7 was already in independent form and was allowed in the previous Office Action by the Examiner. Thus, Applicant submits that claim 7 requires no amendment to put it in allowable form whereby Applicant submits that claim 7 is allowable and claim 8 is allowable as depending therefrom. In keeping with the Examiner's comments, Applicant has amended claim 1 to incorporate the limitations of claim 46; claim 32 to incorporate the limitations of claim 49; each of claims 41, 43 and 44 to incorporate the limitations of claim 50 to incorporate the limitations of claims 50, whereby Applicant submits that said claims are in allowable form.

The Examiner rejected claims 16 and 17 under 35 USC 112, first paragraph. Claims 16 and 17 have been canceled.

The Examiner rejected claims 1, 2, 4-6, 9, 10, 15-17, 32, 33, 35-38, 40, 42, 48 and 50 under 35 USC 102(b) as being anticipated by Entis (US 4,474,300).

In light of the above noted amendment to claim 1 to incorporate the limitations of claim 46, Applicant submits that claim 1 is allowable and that claims 2, 4-6, 9, 10, 15-17 and 42 are allowable as depending therefrom.

In light of the above-referenced amendment to claim 32 to incorporate the limitations of claims 49, Applicant submits that claim 32 is allowable and that claims 33, 35-38, 40 and 48 are allowable as depending therefrom.

In light of the above-referenced amendment to claim 50 to incorporate the limitations of claim 51, Applicant submits that claim 50 is allowable.

The Examiner also rejected claims 3 and 34 under 35 USC 103(a) as being unpatentable over Entis alone. In light of the amendments to claims 1 and 32 to make them allowable, Applicant submits that claims 3 and 34 are allowable as depending respectively therefrom.

The Examiner also provisionally objected to claims 32, 34, 35 and 47 under 37 CFR 1.75 as being substantial duplicates of claims 1, 3, 5 and 41 respectively. In light of the amendment to claim 1 to incorporate the limitations of claim 46 and the amendment of claim 32 to incorporate the limitations of claim 49, Applicant submits that claim 32 is not a substantial duplicate of claim 1 and that the Examiner's provisional objection should be withdrawn with respect to claim 32 and to claims 33 and 34 as depending from claim 32. In light of the Examiner's provisional objection to claim 47, Applicant has opted to leave claim 47 as it is so that it depends from claim 32 which is substantively distinct from claim 41 due to the incorporation of the limitations of claim 49 into claim 32. Applicant thus submits that the provisional objection regarding claim 47 should be withdrawn.

Applicant has added new dependent claims 61 and 62 which depend respectively from claim 43 and claim 54. Each of claims 61 and 62 are the same as claim 46 except for the dependency thereof and Applicant submits that said claims therefore do not present new matter. Applicant respectfully requests the entry of said claims after final.

In light of the amendments and the above discussion, Applicant submits that claims 1-10, 15, 32-38 and 40-62 are in allowable form.

In view of the foregoing, the Applicant respectfully requests reconsideration of the claims and most earnestly solicits the issuance of a formal notice of allowability for the claims. Please call the undersigned attorney if any questions remain after this amendment.

Respectfully submitted at Canton, Ohio this day of October, 2006.

SAND & SEBOLT

By: Clay H. Cunningham Reg. No. 51,150 Aegis Tower, Suite 1100 4940 Munson St. NW Canton, Ohio 44718-2569 Telephone: (330) 244-1174

Facsimile: (330) 244-1173

CHC/kab

Attorney Docket: 1796031US2AP

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to

Mail Stop AF Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313

on this <u>\(\ell_1^{1\fm H}\)</u> day of October, 2006